

31122-8:MRS #337970v3

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of: )  
Oleg Wasynczuk, et al. ) Before the Examiner  
Serial No.: 09/884,528 ) Ayal I. Sharon  
Filed: June 19, 2001 ) Art Unit 2123  
DISTRIBUTED SIMULATION ) March 29, 2005

I hereby certify that this paper is being facsimile  
transmitted to the Patent and Trademark Office to  
703.872.9306 on the date shown below.

Troy J. Cole

Print name of person signing certification

Signature

April 18, 2005

Date of Signature

AMENDMENT UNDER 37 CFR § 1.111

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

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In response to the Office Action mailed November 17, 2004, please enter the following  
amendments and consider the following remarks.

Additionally, a two (2) month extension of time is being requested with a separate  
document filed concurrently herewith. Please provide any additional extensions of time which  
are required and charge any additional fees which may be due or credit any overpayments to  
Deposit Account No. 23-3030.

INTRODUCTION

Claims 1-28 are pending in the application. Claims 1-28 have been rejected under 35  
U.S.C. §101 and 112 (first paragraph) for lack of utility, and claims 12-18 have been rejected  
under 35 U.S.C. §112, second paragraph, for alleged ambiguity in limitations applied to a  
variable  $n$ . Claims 9 and 12-19 were rejected under 35 U.S.C. §102(e) as anticipated by the  
Fujimoto article "Parallel and Distributed Simulation" ("Fujimoto" herein), while claims 1-8, 10-

11, 20-21, and 25-28 were rejected under 35 U.S.C. §103(a) as obvious over the combination of Fujimoto with a "DMSO Facility reference" and a "DMSO HLA page." Claims 22-24 were rejected under 35 U.S.C. §103(a) as obvious over the combination of Fujimoto, the DMSO Facility reference, the DMSO HLA page, and certain concepts asserted by "official notice." In this Response, Applicants amend certain claims, discuss certain art, and traverse some of these rejections.

The Examiner also noted that the PTO Form 1449A (modified) that was attached to the Information Disclosure Statement filed by Applicants on 8/23/2001 (and apparently received by the USPTO on 8/27/2001) did not make it into the electronic file. Another copy of that form is being attached hereto for the Examiner's use. The Applicants' file copy does include this form, as well as a certificate of mailing under 37 CFR §1.8. If formal proof of the earlier mailing is required, the undersigned invites contact by the USPTO, and that proof will be provided.